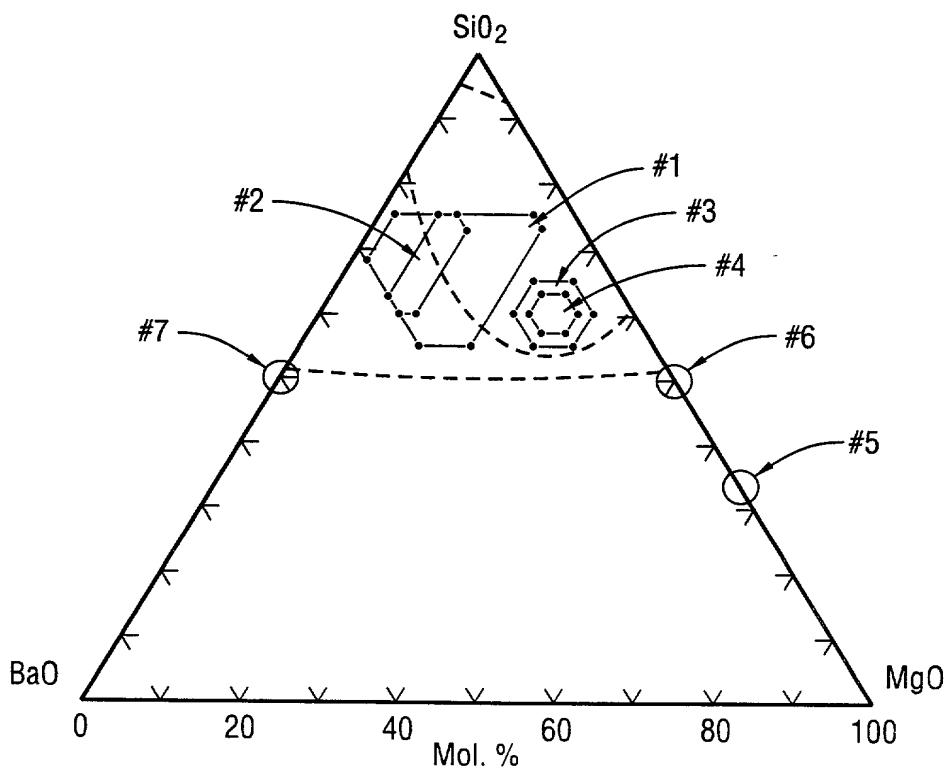


*Fig. 1a*



*Fig. 1b*

*Fig. 2a*

		SiO <sub>2</sub>	BaO	MgO	SiO <sub>2</sub>	BaO	MgO	0	Si	Ba	Mg
#1		mol.%	mol.%	wt.%	wt.%	wt.%	wt.%	at.%	at.%	at.%	at.%
text range	Vertex#	[55,75]	[5,30]	[2,22]							
	1	75	23	2	55.54	43.467	0.9935	63.636	27.273	8.3636	0.7273
	2	75	5	20	74.128	12.612	13.26	63.636	27.273	1.8182	7.2727
	3	73	5	22	72.624	12.695	14.681	63.37	26.74	1.8315	8.0586
	4	55	23	22	42.817	45.695	11.488	60.784	21.569	9.0196	8.6275
	5	55	30	15	38.835	54.06	7.1047	60.784	21.569	11.765	5.8824
	6	68	30	2	46.606	52.474	0.9195	62.687	25.373	11.194	0.7463
#2											
		[60,72.5]	[15,30]	[7.5,12.5]							
text range	Vertex#										
	1	75	17.5	7.5	60.148	35.817	4.0347	63.636	27.273	6.3636	2.7273
	2	75	15	10	62.506	31.904	5.5905	63.636	27.273	5.4545	3.6364
	3	72.5	15	12.5	60.84	32.124	7.0363	63.303	26.606	5.5046	4.5872
	4	60	27.5	12.5	43.301	50.648	6.0512	61.538	23.077	10.577	4.8077
	5	60	30	10	41.879	53.439	4.682	61.538	23.077	11.538	3.8462
	6	62.5	30	7.5	43.375	53.134	3.4915	61.905	23.81	11.429	2.8571

#3									
text range	[55,65]	[5,15]	[25,35]						
Vertex#									
1	65	10	25	60.583	23.786	15.63	62.264	24.528	3.7736
2	65	5	30	66.405	13.036	20.559	62.264	24.528	1.8868
3	60	5	35	62.345	13.259	24.395	61.538	23.077	1.9231
4	55	10	35	52.886	24.539	22.575	60.784	21.569	3.9216
5	55	15	30	48.499	33.756	17.745	60.784	21.569	5.8824
6	60	15	25	52.151	33.273	14.576	61.538	23.077	5.7692
#4									
text range	[57,63]	[7,13]	[27,33]						
Vertex#									
1	63	10	27	59.082	23.933	16.985	61.977	23.954	3.8023
2	63	7	33	61.165	17.344	21.491	61.71	23.42	2.6022
3	60	7	33	60	17.864	22.136	61.538	23.077	2.6923
4	57	10	33	54.464	24.385	21.151	61.089	22.179	3.8911
5	57	13	30	51.677	30.078	18.245	61.089	22.179	5.0584
6	60	13	27	53.914	29.812	16.274	61.538	23.077	5
#5	Mg <sub>2</sub> SiO <sub>4</sub> forsterite	33.333	0	66.667	42.706	0	57.294	57.143	14.286
#6	MgSiO <sub>3</sub> enstatite	50	0	50	59.852	0	40.148	60	20
									20

Dig. 26

0.0 1.0 2.0 3.0 4.0 5.0 6.0

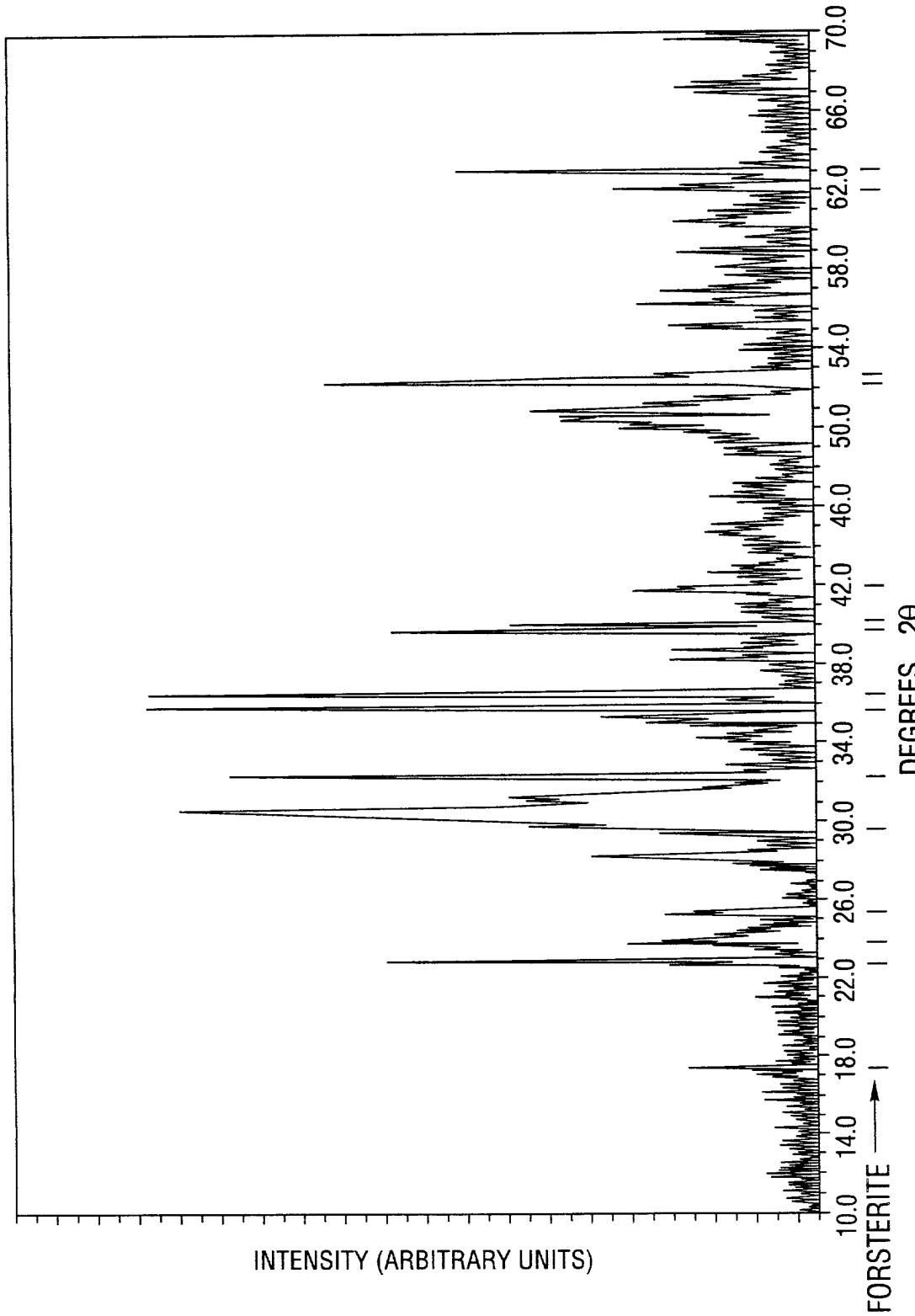


Fig. 3

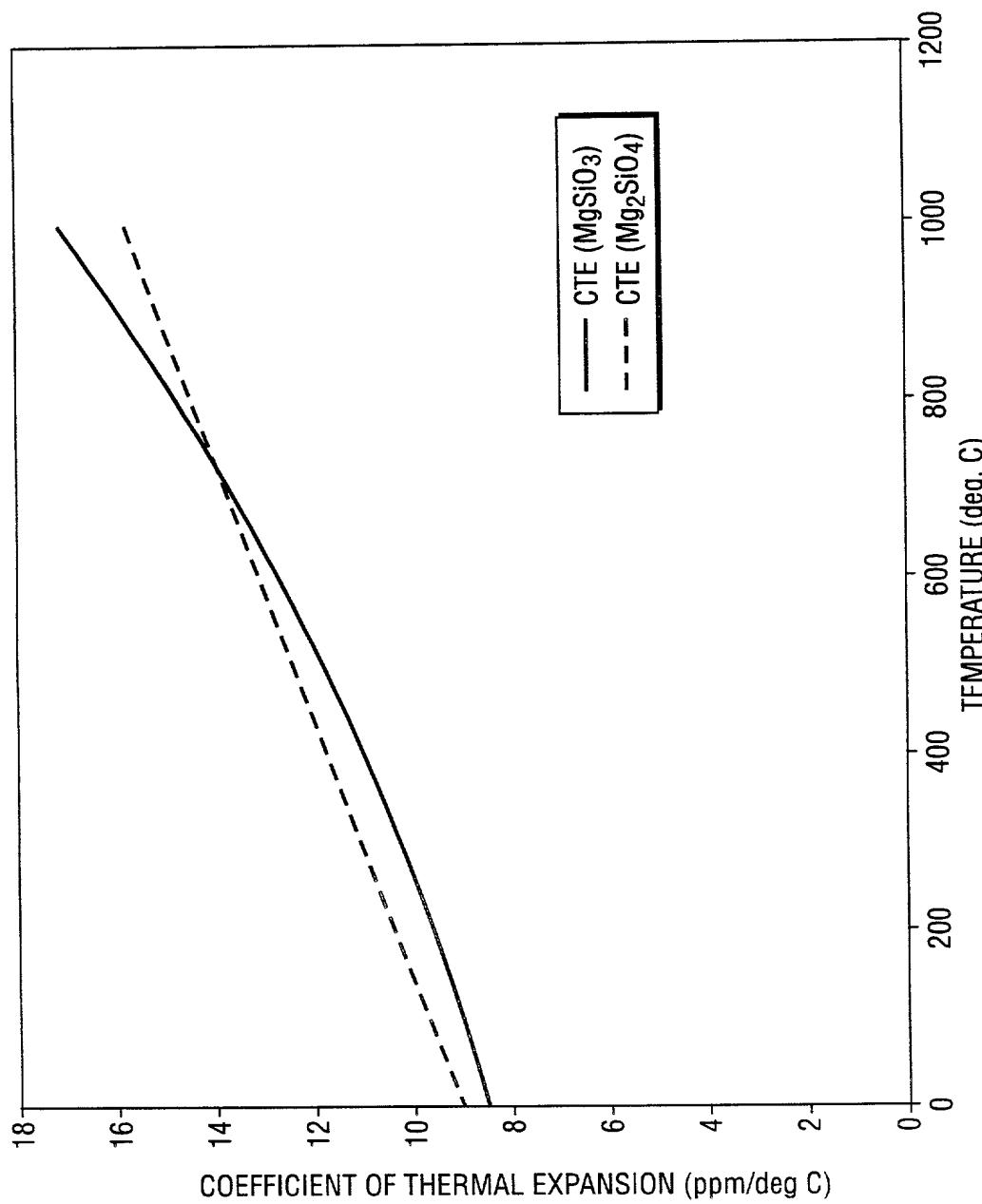


Fig. 4